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Listing of all Claims

Claim 1 (previously presented): A compact smoking oven, comprising a housing having a peripheral wall comprising two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; means for holding a food product to be smoked by said smoke; and means for cooling said housing, said housing having an upper compartment separated from an interior of said housing by an upper wall, said cooling means being located in said upper compartment and directing cool air toward said upper wall so as to cool said upper wall.

Claim 2 (original): A compact smoking oven as defined in claim 1, wherein said heating means include a heater located underneath said container with wooden chips so as to heat a bottom of said container and thereby to heat the wooden chips.

Claim 3 (original): A compact smoking oven as defined in claim 2, wherein said heater is formed as electric heater.

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Claim 4 (previously presented): A compact smoking oven as defined in claim 1 further comprising a sloping tray means located above said container and below said means for holding said food product so as to collect fat and deflect smoke exiting said openings of said container toward said peripheral wall.

Claim 5 (previously presented): A compact smoking oven, comprising a housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; and food product supporting means including two discs rotatable about a horizontal axis and plurality of rods extending substantially horizontally and inserted in said discs.

Claim 6 (original): A compact smoking oven as defined in claim 5, wherein one of said discs has a plurality of throughgoing openings for inserting one end of said rods, while the other of said discs has a plurality of closeable and openable slots for inserting the other end of said rods.

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Claim 7 (original): A compact smoking oven as defined in claim 5, wherein said rods are additionally turnable about their axes; and further comprising means for additionally turning said rods about said axes.

Claim 8 (original): A compact smoking oven as defined in claim 7, wherein said means for turning said rods about their axes including at least one flywheel connected with each rod and formed so that when said discs rotate and rotate all said rods, each of said rods is rotated about its axis in an opposite direction under the action of said flywheel tending to assume a substantially vertical position.

Claim 9 (previously presented): A compact smoking oven, comprising a housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; means for holding a food product to be smoked by said smoke; an openable hollow door which closes and opens the interior of said housing; and cooling means for cooling air and supplying it into an interior of said hollow door so as to cool said door and to increase tightness of an interior of said housing to prevent smoke escape from said housing.

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Claim 10 (previously presented): A compact smoking oven, comprising a housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; and food product supporting means located in said housing and including at least one rotatable disc having a plurality of hooks for suspending the food product.

Claim 11 (previously presented): A compact smoking oven, comprising a housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; means for holding a food product to be smoked by said smoke; said heating means including a gas

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heater, a metal plate heated by said gas heater and located above said gas heater and underneath said container; and a flame distributor located between said gas heater and said metal plate and having a plurality of perforations so as to distribute and direct gas flame to said metal plate in a distributed fashion.

Claim 12 (previously presented): A compact smoking oven, comprising a housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; and food product supporting means including at least one rod rotatable about a horizontal axis and having a support displaceable in an axial direction for removal of the food product, said food product supporting means is entirely removable from said compact smoking oven without disassembly for loading and unloading said food product.

Claim 13 (previously presented): A compact smoking oven, comprising a housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and

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an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; food product supporting means including at least one grate composed of at least two portions movable between a position in which said portions are located close to one another so as to enclose a food product therebetween, and an open position in which said grate portions are moved, two discs rotatable about a horizontal axis with at least one of said discs displaceable in an axial direction; and at least one turnable rod located between said rotatable discs and supporting said grate, said food product supporting means is entirely removable from said compact smoking oven without disassembly for loading and unloading said food product.

Claim 14 (previously presented): A compact smoking oven, comprising a housing having a peripheral wall composed of two wall portions spaced from one another and including an inner wall portion provided with a plurality of throughgoing openings and an outer wall portion; a container for accommodating wooden chips and having at least one wall provided with a plurality of openings; means for heating said container so that when said container is heated, wooden chips inside said container are heated to produce a smoke, said smoke enters a space between said inner wall portion and said outer wall

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portion of said peripheral wall and exits said space through said openings of said inner wall portion into an interior of said inner wall portion of said peripheral wall; means for holding a food product to be smoked by said smoke; a door adapted to close and to open said housing; and food product supporting means connected with said door so that when said door opens, said food product supporting means are located outside of said housing for loading and unloading said food product.

Claims 15-25 (cancelled)

Claim 26 (cancelled)

Claim 27 (cancelled)

Claim 28 (cancelled)

Claim 29 (previously presented): A rotatable food support is detachable combination with a compact smoking oven, comprising:

at least one rod for supporting a food product to be smoked in said compact smoking oven, said rod being rotatable mounted within said compact oven, said rod having an axis and being rotatable about said axis;

at least one rotatable disc, said disc being detachably connected to said rod, so as to move said disc along said rod in an axial direction and so as to remove said food product from said rod; and at least one grate for supporting said food product; said grate being removably attached to said at least one rod, said rod being configured to rotate together with said disc; wherein said at least one rod is inserted into said grate along a central line

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of said grate, wherein said grate is rotated around said axis of said at least one rod, wherein said rod is displaced between an interior wall of said compact oven and said rotatable disc, and wherein said rod and said disc are detachably mounted within said compact smoking oven so as to allow said rotatable food support to be removable from said compact smoking oven without disassembly for loading and unloading of said food product.

Claim 30 (cancelled)

Claim 31 (previously presented): A rotatable food support is detachable combination with a compact smoking oven in accordance with Claim 29, further comprising two of said rotatable discs, wherein said at least one rod being displaced between said two rotatable discs and wherein at least one of said two rotatable discs is detachably connected to said rod, so as to move said at least one detachably connected disc along said rod in the axial direction and so as to remove said food product from said rod.

Claim 32 (previously presented): A rotatable food support in detachable combination with a compact smoking oven, comprising:

At least one grate for supporting a food product to be smoked in said compact smoking oven, said grate being rotatably mounted on at least one rod located within said compact smoking oven, said rod having an axis and being rotatable about said axis;
at least two rotatable discs, said grate being mounted on said rod between said two rotatable discs, at least one of said discs being movable along said rod in an axial direction so as to allow removal of said food product from said grate;

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wherein said discs are detachably mounted within said compact smoking oven so as to allow said rotatable food support to be removable from said compact smoking oven without disassembly for loading and unloading of said food product.

Claim 33 (previously presented): A rotatable food support in combination with a compact smoking oven, comprising:

at least one grate for supporting a food product to be smoked in said compact smoking oven, said grate being rotatably mounted on at least one rod located within said compact oven, said rod having an axis and being rotatable about said axis; said rod being inserted into said grate along a central line of said grate, said grate being rotatable around said axis of said at least one rod, said grate being composed of at least two portions movable between a position in which said portions are located close to one another so as to enclose a food product therebetween, and an open position in which said grate portions are moved apart so as to load or unload said food product.

Claim 34 (previously presented): A compact smoking oven in accordance with claim 5, wherein said food product supporting means is entirely removable from said compact smoking oven without disassembly for loading and unloading of food product.

Claim 35 (previously presented): A rotatable food support in combination with a compact smoking oven in accordance with claim 33, wherein said at least one grate for support said food product is entirely removable from said compact smoking oven without disassembly for loading and unloading of said food product.

Claim 36 (canceled)